EE Sig

M. A. R. 57 (Rule 116)
Measurement Book

No. E 585207

Serial No. 1st & Final Bill

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency Sri. Gopi Reddy

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work :- Augmentation of water supply through borewell, network of pipeline and global water Drainage facilities in Vahivan layout of Hakkolli, Nagenahalli Kenchenhalli, Anandhapura, Doddabittahalli and Chikkabittahalli Village limit in wards NO 02, 03 of Yelahanka Division (Package NO-16)						
	Agreement NO:- BBMP/EE/YNK.D/EPMT-14/AG/07/2022-23						
	Work Order NO:- BBMP/EE/YNK.D/EPMT-14/WO/08/2022-25						Dated:-04/05/2022 Date:-04/05/22

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
①	Geophysical investigation of site for sinking Boherwell for drinking water to the habitation with through the Head pump	27.00 Nos @ Rs 3932.56 = 106314.12					
②	Sinking boherwell of 165 mm dia clear using Superfast hydraulic Rig of Capacity 250 PSIG & above CFM & above in all strata including	1350.00 m @ Rs 362.67 = 489534.00					
③	50 - 100.00 m	1350.00 m @ Rs 461.89 = 623551.50					
④	100 - 150.00 m	1500.00 m @ Rs 476.52 = 714780.00					

Serial No. .....
Name of work .....
Name of Contractor of nature
Date of commencement of w

Date	Full description, e
1	2
⑤	150 - 200.0 m
⑥	200 - 250.00
⑦	250 - 300.
⑧	300 - 350.0

EE Sig

M. A. R. 57 (Rule 116) No. E 585208
Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(5)	150 - 200.0m						
	1500.00m	@ 560.12 Rs =			840180.00		
(6)	200 - 250.00m						
	1500.00m	@ 662.53 Rs =			993795.00		
(7)	250 - 300.00m						
	1500.00m	@ 731.50 Rs =			1097250.00		
(8)	300 - 350.00m						
	959.00m	@ Rs 862.13 =			826787.67		

EE sig

M. A. R. 57 (Rule 116) No. E 585209
Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
12	Providing 250mm dia PVC pipe	156.00 Rmtr				@ Rs 1413.89	= 220566.84
13	Supplying and drawing 3 Core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with 1100 volts as per ISI 694:1990	17624.00 Mtr				@ Rs 214.23	= 3776232.21
14	Texmo, Atalanta, Sugumar, CRI KIRLOSKER AND oth equipmt pumps 15.00 HP/11 KW (30 tobe)	28.00 Nos				@ Rs 6635.41	= 185791.48

EE Sig

M. A. R. 57 (Rule 116) No. E 585210
Measurement Book

Serial No .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
18	Labour charges for laying of 1.1 KV class UG Cable, in existing trench GI Pipe/Conduit/On wall/On poles as required. 847.00 Mtr @ Rs 12.41 = 10514.27						
19	Supplying and fixing of porcelin fuse channel with c on existing wooden/panel wiring necessary nut, bolt and washer, 63-Amp 29.00 Each @ Rs 237.22 = 6879.38						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
20	Providing and fixing Valve Horizontal type	in position 50mm nominal bore non-return of approved make including cost of all 29.00 Nos @ Rs 1405.67 = 40776.43					
21	Supplying and fixing Distribution board	miniature circuit breaker in existing MCB including necessary fixing material and C Type 29.00 Each @ 2504.87 = 72641.23					
22	KSRB 2-2: Earthwork excavation by manual means for foundation of building, water supply and sanitary line and electrical 8038.31 Cum @ Rs 331.20 = 2662289.10						

Serial No. .....
Name of work .....
Name of Contractor o
Date of commenceme

Date	Full descr
1	
.	Above 12
23	Providin soil t
24	Supplyi amendm

EB Rig

M. A. R. 57 (Rule 116) No. E 585211
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Above 12.5%.	622.86	Cum @	Rs 331.20	=	206292.23	
23	Providing and filling sand in foundation to required depth for sub soil treatment including watering ramming with all lead & lift	1217.61	Cum @	2281.86	=	2778415.55	
24	Supplying PVC ring tight pipe confirming to IS 4985:2000 with latest amendment and carrying to work site rolling and lowering into trenches	13529.00	m @	127.49	=	1724812.21	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
25]	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, Compacting each deposited layer by 5075.63 cum @ 134.03 Rs = 680886.01						
	Above 125%.		483.02 cum @ 134.03 Rs = 64738.50				
26]	Construction of granular sub-base Grading-V as sub-base and drainage layer by providing coarse graded crushed stone		1165.41 cum @ Rs 2084.69 = 2429521.70				
27]	KSRB M400-17. Providing, laying, spreading and compacting crushed stone aggregate of granite / trap / basalt to wet mix macadam		1523.84 cum @ Rs 2091.34 = 3186867.55				

Serial No. .....
Name of work ..
Name of Contra
Date of commer

Date	Ful
1	
28]	KSR CC
29]	Cons Grade
30]	Supp Wet

EE Sig

M. A. R. 57 (Rule 116) No. E 585212
Measurement Book

Serial No .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
28	KSRRB M600-1 Breaking and cutting dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite	443.00				Cum @ Rs 4404.29 =	1951091.66
29	Constructing un-reinforced, plain cement concrete for pavement using grade concrete M30 grade over a prepared base with OPC coarse	443.00				Cum @ Rs 6272.42 =	2778659.52
30	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactor, On adjustable thermal timer	26.00				Nos @ Rs 8360.00 =	217360.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
32]	Filling in foundation with granite / kiah broken metal 100 mm and down size ; with approved sand including hand packing hamming						
	19.96 cum @ Rs 1986.55 = 39656.50						
	Above 125 / 13.00 cum @ Rs 1986.55 = 25820.18						
33]	Filling in foundation with granite / kiah broken metal 100 mm and down size , with approved sand including hand packing hamming						
	19.96 cum @ Rs 1986.55 = 39656.50						
	Above 125 / 13.00 cum @ Rs 1986.55 = 25820.18						
34]	Filling in foundation with granite / kiah broken metal 100 mm and down size , with approved sand including hand packing hamming.						
	19.96 cum @ 2770.30 Rs = 55302.11						
	Above 125 / 13.00 cum @ 2770.30 Rs = 36006.97						

Serial No. .....
Name of work .....
Name of Contract
Date of commenc

Date	Full d
1	
35]	Filling down
	Above 1
36]	Filling down
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	EIRL
E1	Excavi hard

EE Rig

M. A. R. 57 (Rule 116) No. E

Measurement Book

585213

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
35]	Filling in foundation with granite / trap broken metal 100 mm and down size, with approved sand including rod packing, planning						
		19.96 cum @ Rs 2770.30 = 55302.19					
	Above 125 1.	13.00 cum @ Rs 2770.30 = 36006.97					
36]	Filling in foundation with granite / trap broken metal 100 mm and down size with approved sand including rod packing, planning						
		19.96 cum @ 1986.55 Rs = 39656.80					
	Above 125 1.	13.00 cum @ 1986.55 Rs = 25820.18					
E1	E I R L Excavating and laying reinforced cement concrete M20 for culvert including laying and, and filing cellar						
		257.50	@ 3747.35 Rs			= 964942.39	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E2	Texmo, Alalanka, Sugma, CRI KIRLOSKER And Oth equipmt pumps 15.00 HP / 11KW (30 stage)		1.00 unit @ Rs 35890.53 = 35890.53				
E3	KSR 13-19:- Boreding and fixing to wall, Cutting and floor high duity polyethylen pipe 6.00 Kgf/sq.cm working pressure of outside		271.00 m @ Rs 290.22 = 78648.92				
	Sub total		= 38032604.95				
	Bescom deposit charges		= 2469560.00				
	GST 12.1		= 4563912.56				
	Good total		= 45066077.51				

Assl. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

AE-02

AE
13/06/2022.

EE Sig

M. A. R. 57 (Rule 116) No. E 585214

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

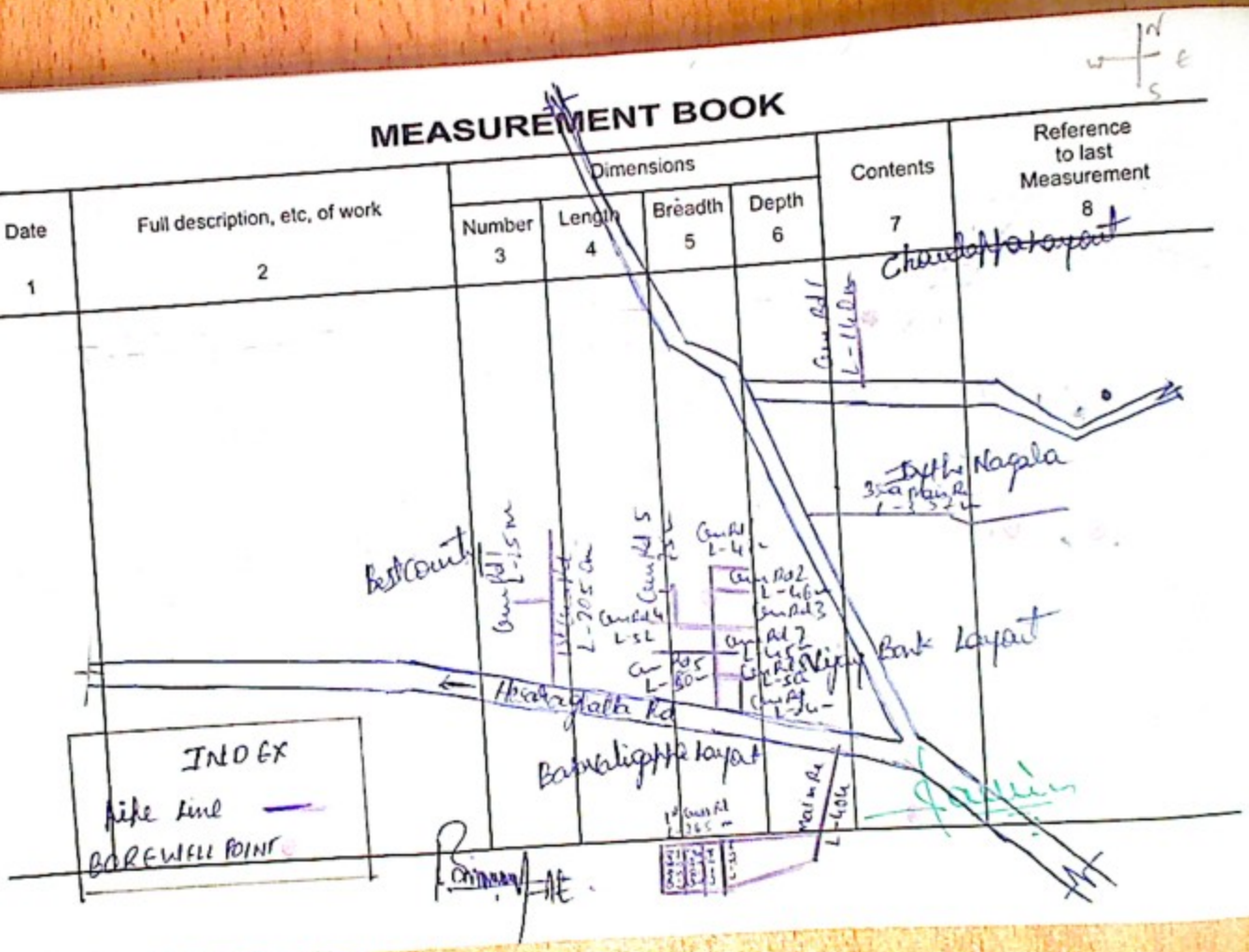
Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate :- 1) Certified that the work done satisfactorily 2) Certified that the contractor has cleared debris from the work site Ramasagaran Asst. Executive Engineer Yelahanka Sub. Division (BBMP Ynk. Zn) Yelahanka, Bangalore Assistant Engineer 7/12/22 (Contractor)						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Serial No. .....
Name of work .....
Name of Contract
Date of commenc

Date	Full d
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PIPE L
BOREWEL

EB sig

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

585215

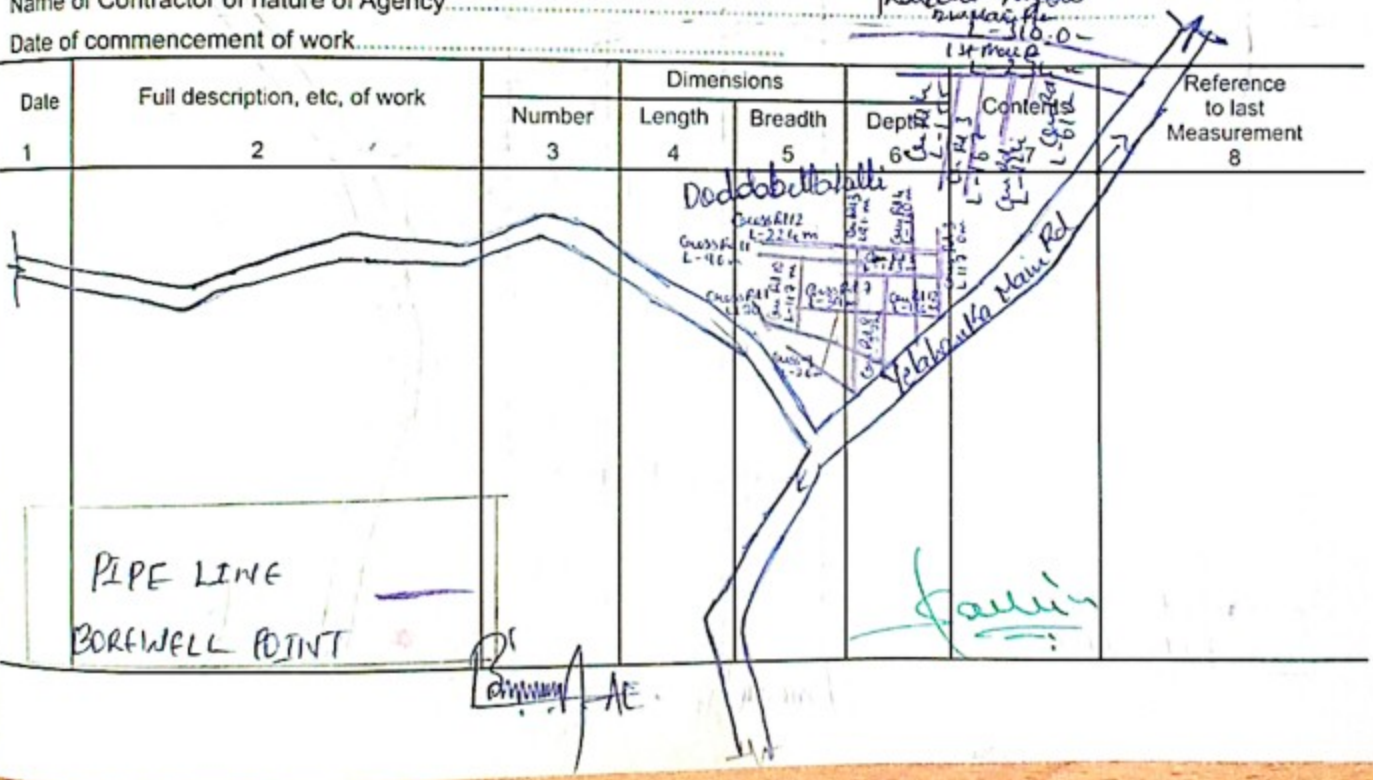
Serial No. .....

Name of work ..... From ..... To Karthi layout

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8



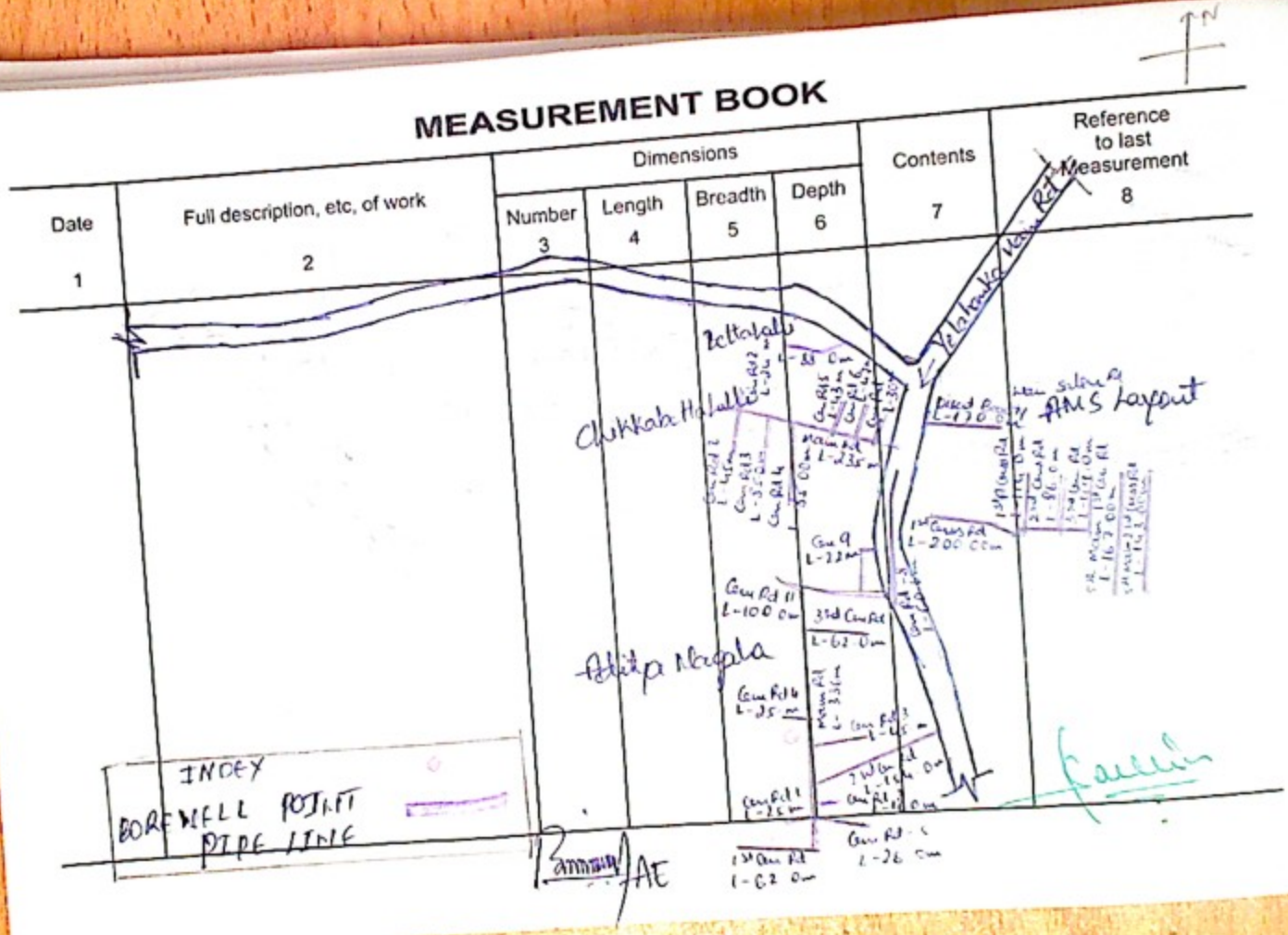
PIPE LINE

BOREWELL POINT

AE

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Serial No. .....
Name of work
Name of Contr
Date of comme

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Andra layout
2nd Main Rd
L-190.m

EE Sig

M. A. R. 57 (Rule 116)
Measurement Book

No. E 585216

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1		3	4	5	6		8
	Andia layout 2nd Main Rd L-190.0m Thimmi Amma Rd L-160.0m Cotjet Brick Road L-84.0m Cross Rd-1 L-87.0m Sri Amma Rd L-53.0m Cross Rd-2 L-60.0m Balaji layout 2nd Cross Rd L-170.0m 3rd A Cross Rd L-53.0m 1st Cross Rd L-131.0m 2nd A Cross Rd L-140.0m Govt School L-123.0m 1st Cross Rd L-76m Manchalle Rd TO IVRI Rd INDEX PIPE LINE BOREWELL POINT AE						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2					7	8

Kenchenalatti

Pavadappanavara

Yadahalliatuba Main Rd

Bellandur Tirupati to Yadahalli Tirupati Railway Station

INDEX
PIPE LINE
BOREWELL POINT

Ramajaccarial
Asst. Ex...
Yelahanka Sub ...
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Serial No. .....
Name of work .....
Name of Contracto
Date of commence

Date	Full de
1	

EE Sig

M. A. R. 57 (Rule 116) No. E 585217
Measurement Book

Serial No. .....
Name of work ..... Bakkanahalli layout From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work Kenchanahalli main Rd L-118.0m

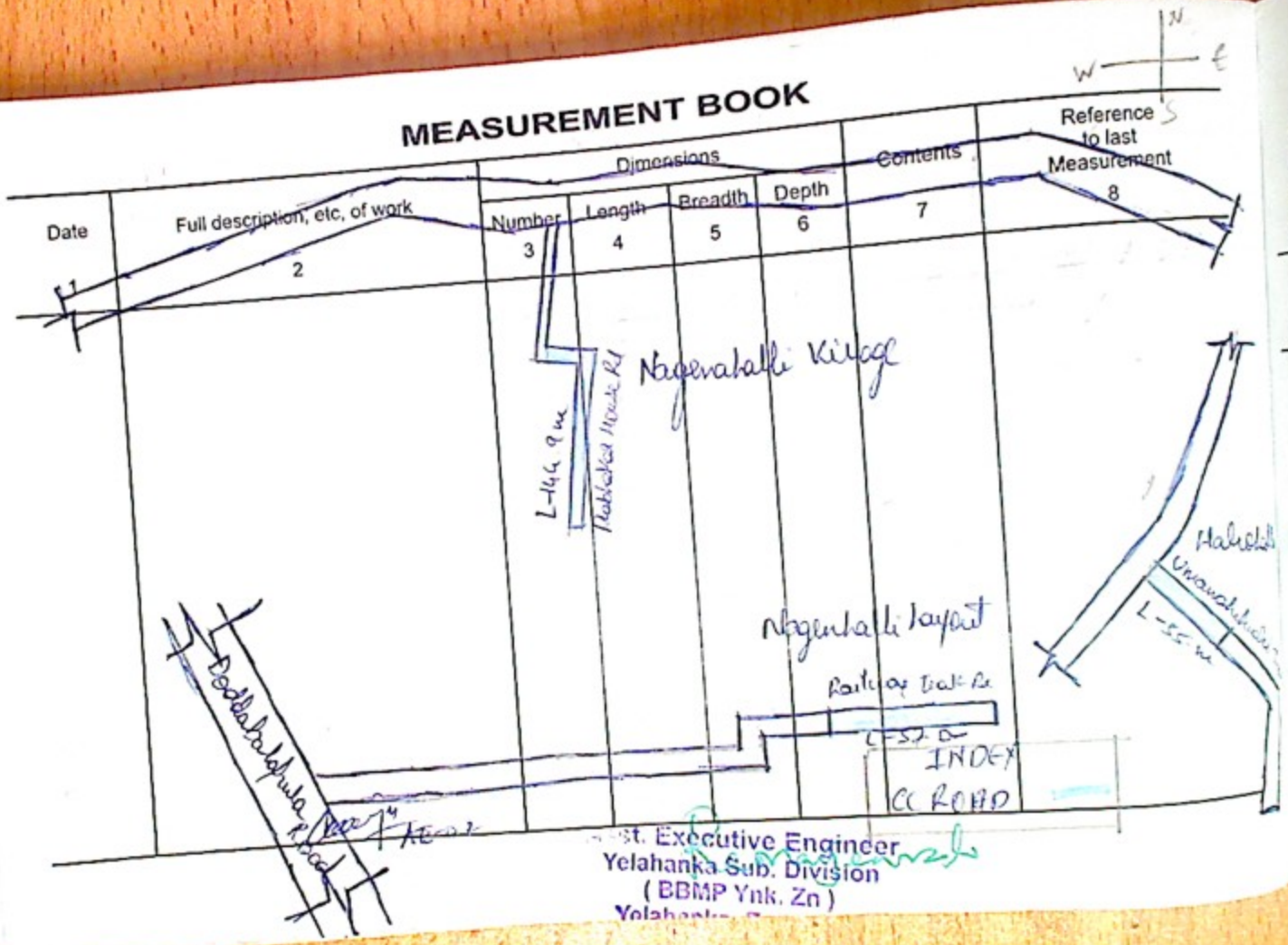
Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st Cross Rd L-125.0m						
	2nd Cross Rd L-135.00m						
	3rd Cross Rd L-101.0m						
	Main Rd L-120.0m						
	INDEX PIPE LINE BOREWELL POINT RAIN WATER HARVESTING PITS						

Remarks

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
...ka, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka

Serial No. .....
Name of work .....
Name of Contractor
Date of commencem

Date	Full desc
1	

EB Sig

M. A. R. 57 (Rule 116) No. E 585218

Measurement Book

Serial No. .....

Name of work ..... Kanchakalli ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work ..... V.C. Helwatatti Main Rd

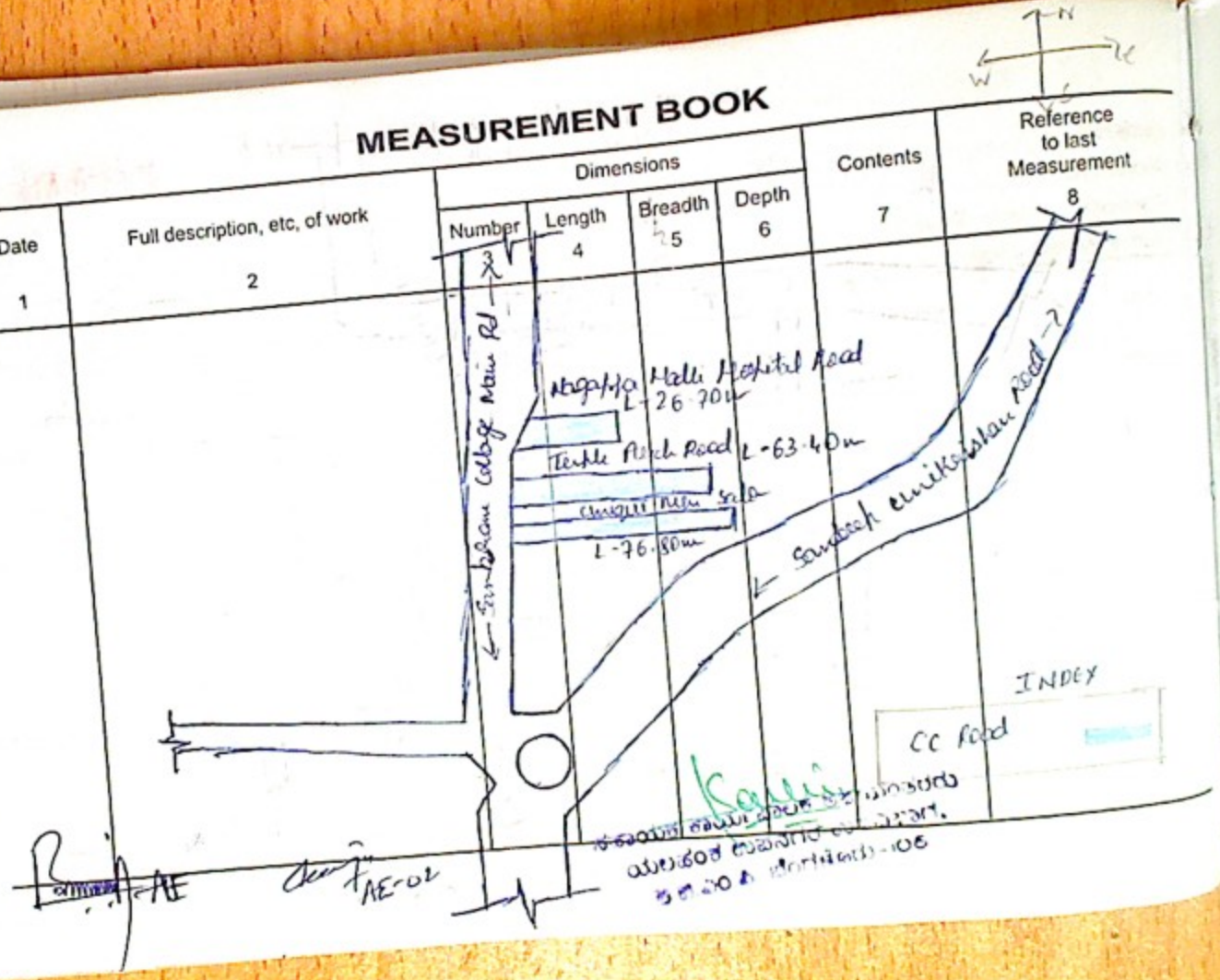
Date	Particulars description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	L-132.00m 1st Cross Rd						
	Railway Track Bend Rd L-176.0m						
							INDEX ROAD

AE-2

Asst. Executive Engineer
Yelahanka sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Serial No. .....
Name of work .....
Name of Contractor
Date of commencem

Date	Full desc
1	

EE Sig

M. A. R. 57 (Rule 116) No. E 585219

Measurement Book

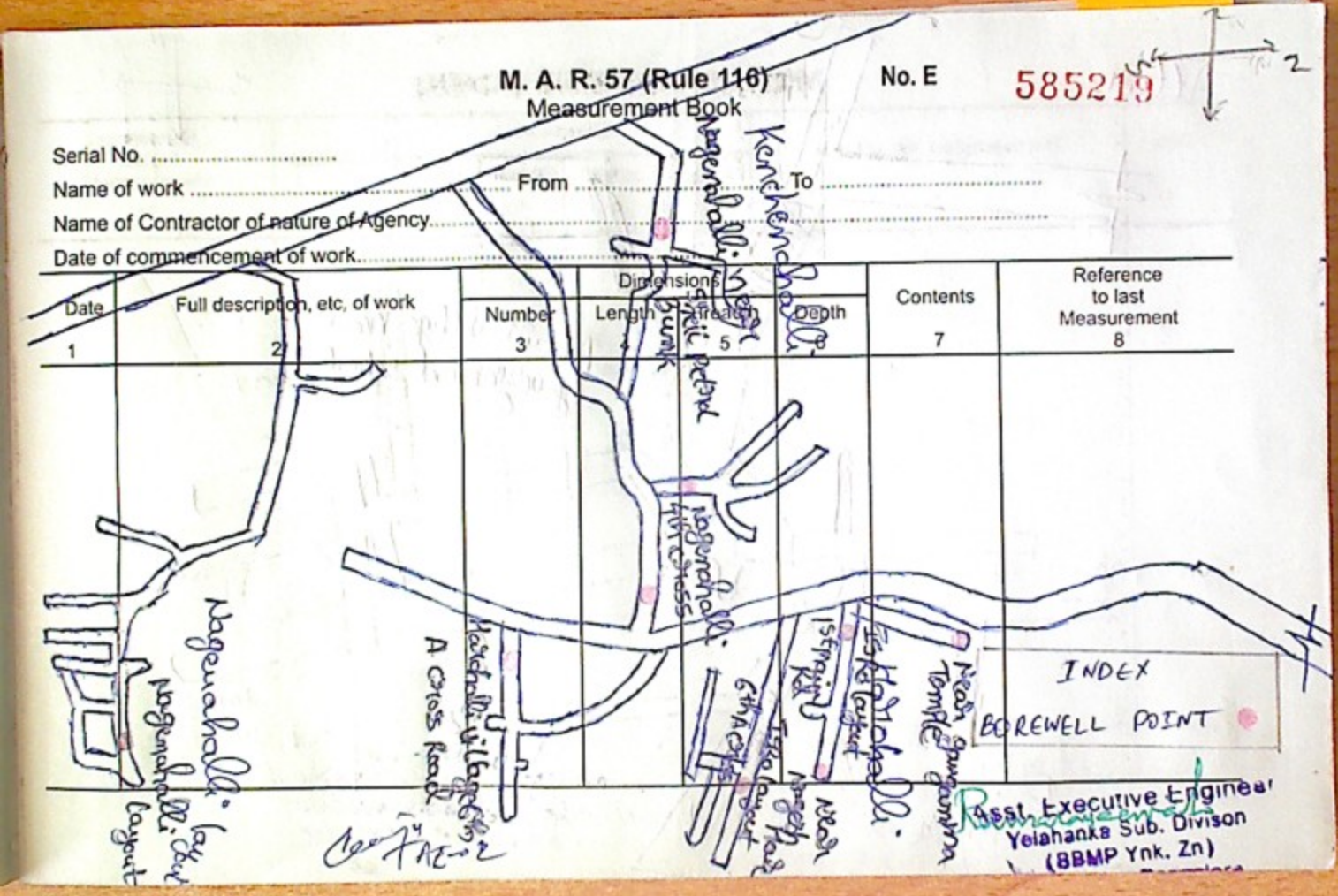
Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5		7	8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MEASUREMENT BOOK

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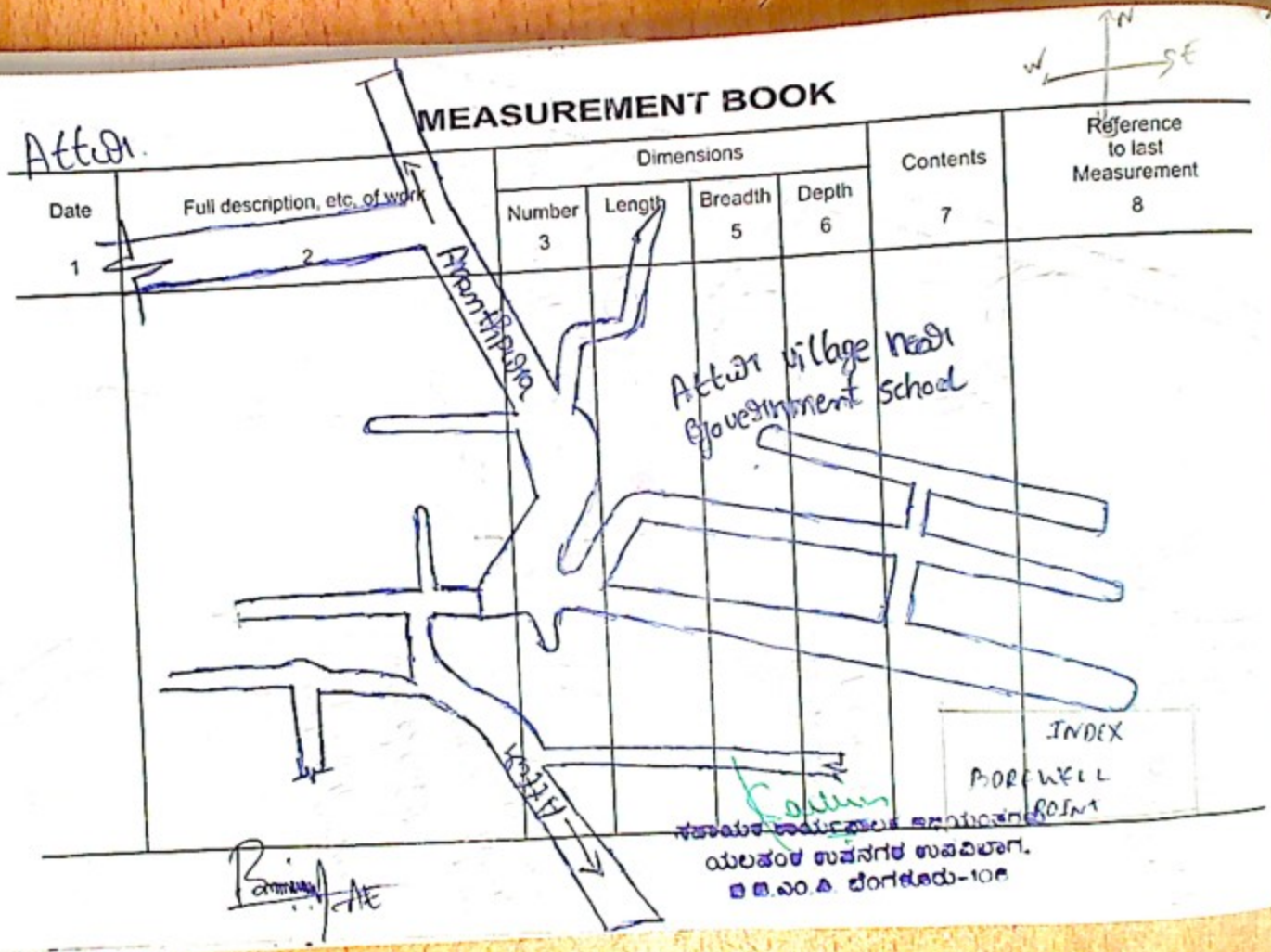
Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
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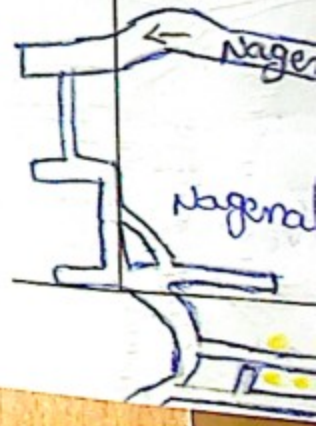
Serial No. .....
Name of work .....
Name of Contractor
Date of commencem

Date	Full desc
1	



EE Sig

Inlaid NO: 2

585220 N

W E S

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

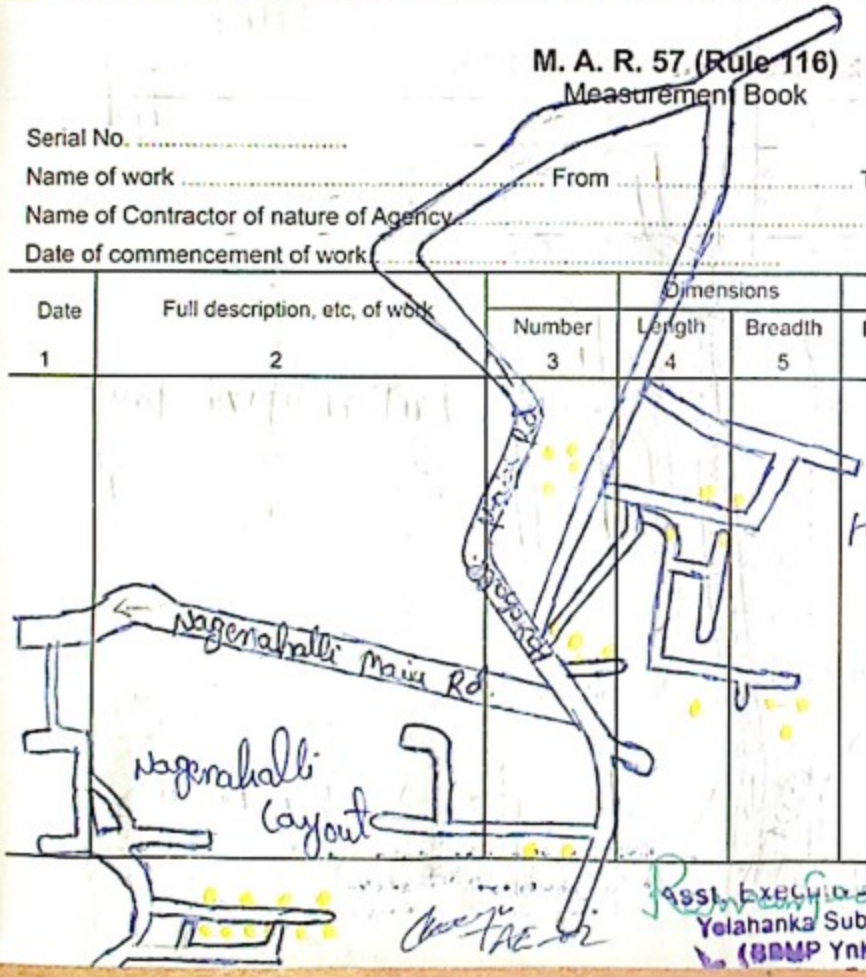
Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



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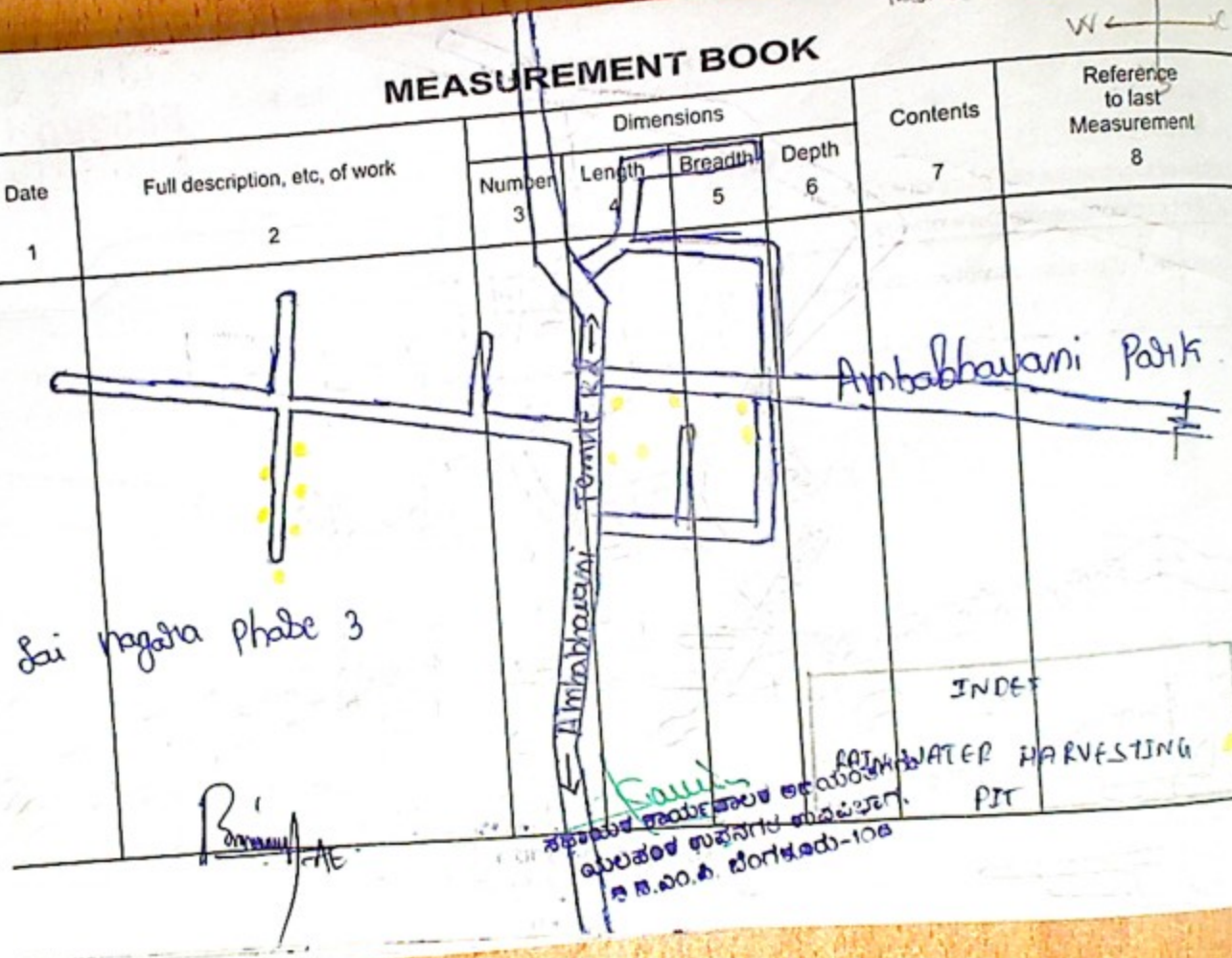
ROIN WATER HARVESTING PITS

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)

MEASUREMENT BOOK

Ward NO 3

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Serial No. .....
Name of work .....
Name of Contract
Date of commenc

Date	Full
1	

Yelahanka Park

EE Sig

Inlaid NO 3

M. A. R. 57 (Rule 116) No. E

Measurement Book

585221 N E S W

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

From ..... To .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Yelahanka Park					INDEX RAIN WATER HARVESTING PIT	

Ramesh AE

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಡಿ.ಎ. ಬೆಂಗಳೂರು-106

MEASUREMENT BOOK

Inlet No:2

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

AE-02

EB
Rig

M. A. R. 57 (Rule 116) **No. E** Ward No: 2

Measurement Book

Kenchenahalli

585222

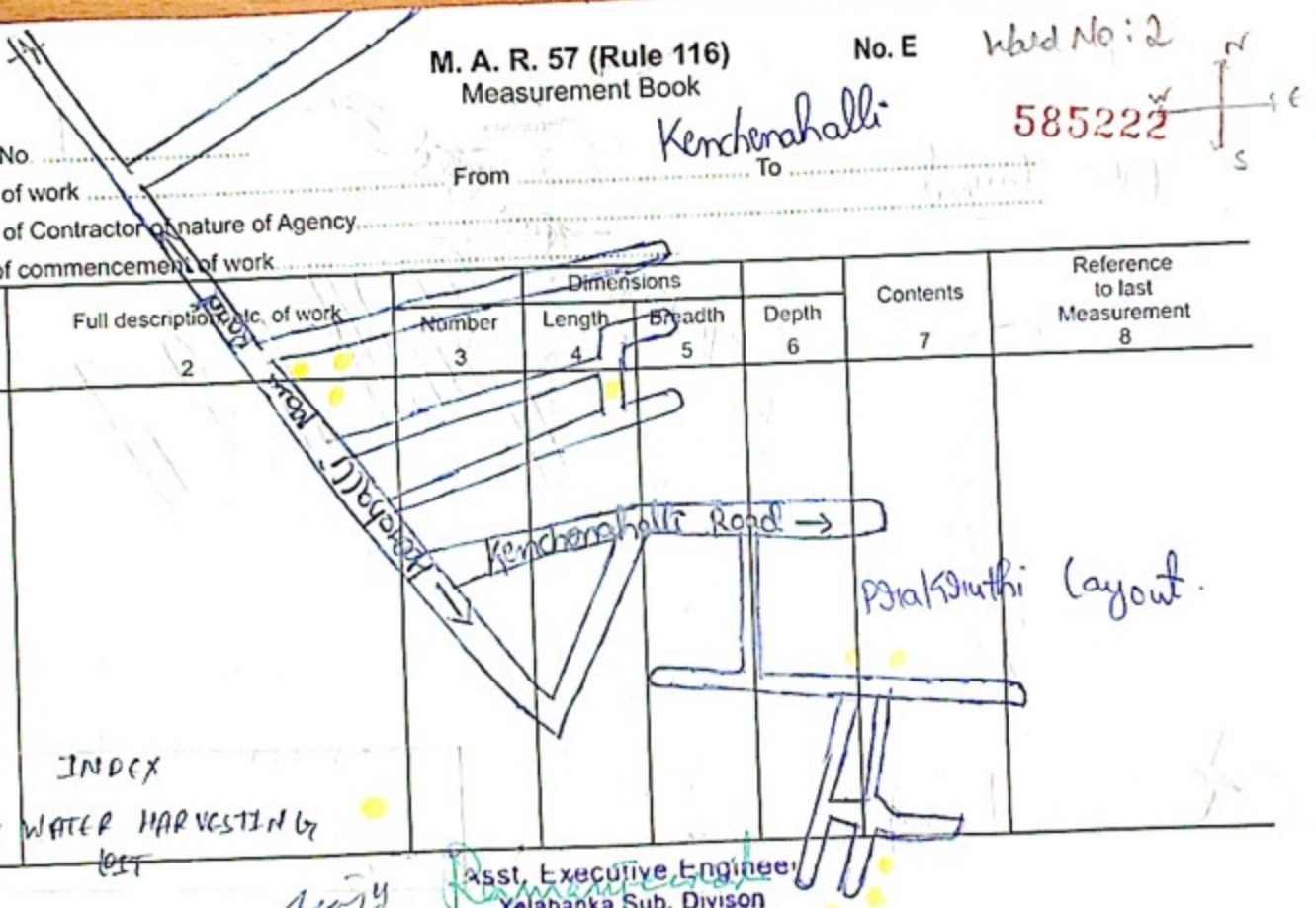
Serial No .....

Name of work ..... From ..... To .....

Name of Contractor or nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7	8
	INDEX						
	RAIN WATER HARVESTING BY BIT						

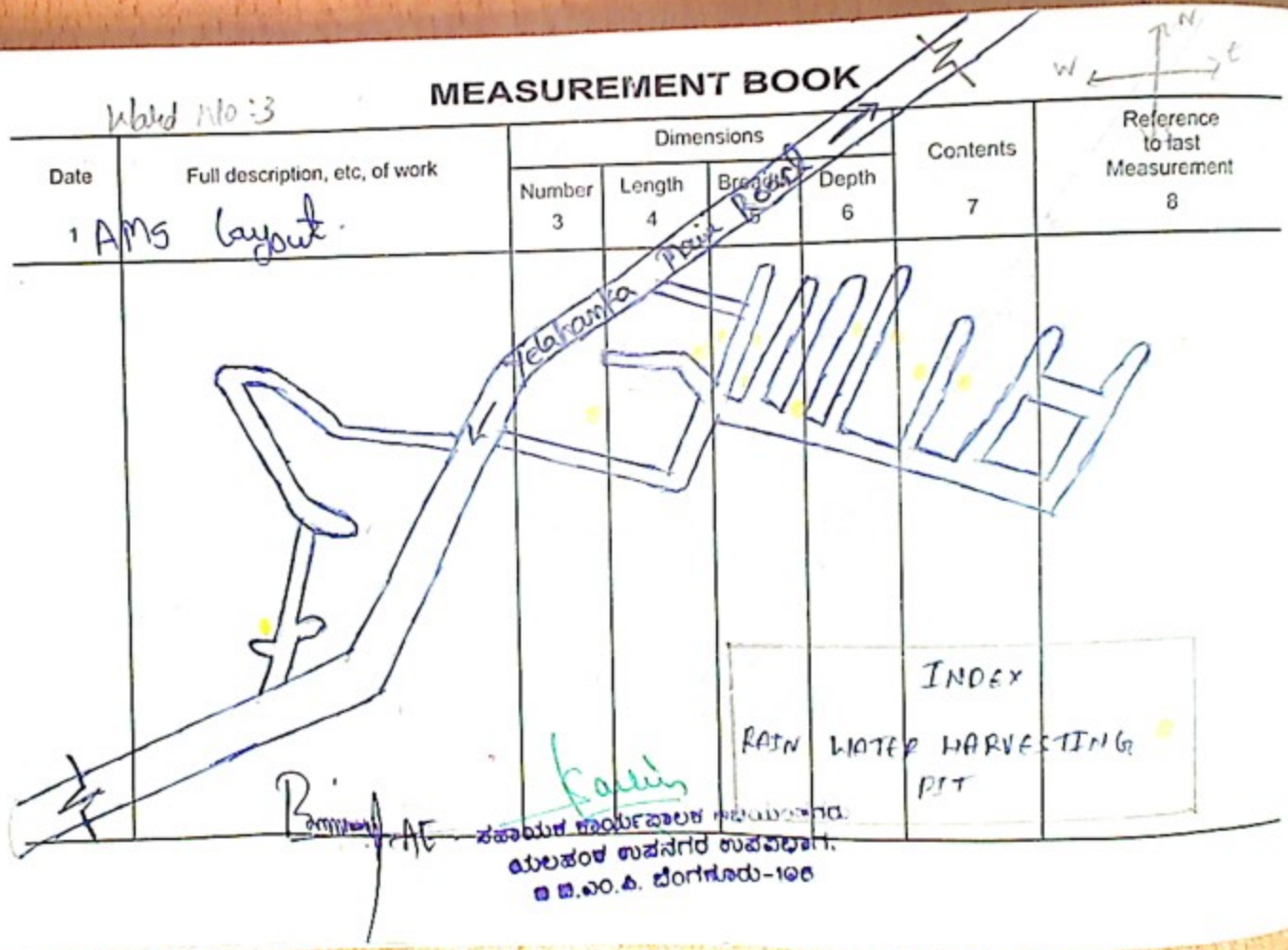


Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)

MEASUREMENT BOOK

Work No: 3

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1		3	4	5	6	7	8
1	AMS layout.						



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RAIN WATER HARVESTING PIT

Engineer
Assistant Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಡಬ್ಲ್ಯು.ಎ.ಎ. ಬೆಂಗಳೂರು-೧೦೬

Serial No. .....
Name of work
Name of Contr
Date of comme

Date	Fu
1	1st

Gross
FS
CC
SC
IR
L
CL
Re
T
Ne

EE Sig

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

585

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency Gopireddy 1st & Final

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	1st and Final Bill.	3	4	5	6	7	8
			Job code NO: 002-23-000001				
			SBR NO: 30/22-23 dt: 22-07-2022				
	Gross Amt =Rs 42843000=00						
	FSD = Rs B.C. Submitted						
	CGST = 382527=00						
	SGST = 382527=00						
	IT 428430=00						
	LC 428430=00						
	CUP 42843=00						
	R= M.D.P. Submitted						
	T.C = 16,64,753=00						
	411,78,243=00						
	Audited & Admitted for Rs 42843000=00						
	411,78,243=00 by Cheque						
	and Rs 16,64,753=00 by Treasury						
	Accts Supdt 22/07/22						
	Executive Engineer Division						